

9<sup>th</sup> Annual Conference on

# IT IN POWER

Challenges and Opportunities, Requirements and Solutions

September 7-8, 2010, The Grand, Vasant Kunj, New Delhi

"The conference was quite useful in aligning our thinking with the way forward and of course also for networking. It was an exciting experience at the personal level." **Nimesh Mehta, Head, IT, CLP India**

"The mix of speakers was quite fair. The agenda of the conference was highly relevant. It was a satisfying experience." **Dr Vivek Chandra, Head-IT, Madhya Pradesh Poorva Kshetra Vidyut Vitran Nigam**

"Overall, the seminar was quite effective for the IT personnel working in power plants and utilities." **A.K. Pashine, AGM (IT), NTPC**

"The organisation of the conference was good and the conference was informative. It was a privilege for the delegates/speakers to share their views and get information on what's going on in other utilities on IT applications and also the new IT solutions from IT companies." **M. Sairam Kumar, Deputy Engineer, AP Transco**

"This conference was very well organised and time schedules were adhered to. I salute you for bringing together such a mix of participants from different parts of India from both the private and public sector power companies." **Praveen Malhotra, Supt. Engineer, UPPTCL**

"It was a great experience for me and I think it was a pretty well-organised conference. It was wonderful meeting other people from the industry." **Vimal Gaba, Industry Solutions, SAP Labs India**

"There has been a lot of knowledge sharing at this conference. The conference has been well arranged and well managed. It has been a great effort by Power Line for spreading IT in the power industry. Keep it up in the nation's interest!" **G.D. Pannani, Addl. Executive Engineer, Projects, RRVNL, Jaipur**

"The conference was good. It will be quite helpful for the overall computerisation of an organisation." **Rajesh Patre, Manager, Satluj Jal Vidyut Nigam Limited**

"This conference has become like a pilgrimage for the people in power sector across the country. There is lots of knowledge sharing.... The event has moved along with the sector." **K.B. Singh, Head, IT (CIO), BSES**

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# IT IN POWER

## Background and Mission

- The use of IT in the Indian power sector is finally beginning to pick up, driven by a combination of factors.
- The driving factors include an increase in funding available for IT (from programmes like the R-APDRP), the emergence of new requirements that can be met only with IT-enabled solutions (like trading, regulatory compliance, energy accounting and ABT), new technologies and equipment that are more IT-reliant (in generation, transmission and distribution), greater focus on operational efficiency and profitability (with IT-enabled monitoring), "acceptance" of IT by existing employees (partly a result of greater IT penetration in society as a whole), increasing interest in smart grids as a future goal (at the policy-making, regulatory and top management levels), etc.
- As a result, there is a profusion of new IT and IT-enabled solutions and services being introduced and offered to the power sector, covering every segment and almost every activity. Together, they promise to transform the utilities that make up this sector, making them more efficient, more effective, more productive and more profitable.
- But there are still significant challenges that need to be addressed if the promise is to be realised. We need to upgrade basic infrastructure, from data centres to communications. We need to solve HR issues, through outsourcing and training. We need to "integrate" the different parts and components with an overall IT and business strategy.
- **The mission of this conference is to focus on the key IT-related challenges, highlight emerging opportunities, discuss specific requirements and showcase the most promising solutions.**
- The conference will seek to answer questions like:
  - What are the key trends relating to the use of IT in the Indian power sector?
  - What are the main issues and challenges? How can they be addressed?
  - What are the key infrastructure requirements?
  - What are the data centre requirements and solutions?
  - What are the communications/connectivity requirements and solutions?
  - What are the best ways for outsourcing?
  - What should be the training and other HR strategies to build capacity?
  - What is the road map towards a smart grid?
  - What are the most promising technologies/applications for generation, transmission and distribution?
  - How are these applications being utilised by gencos, transcos and discoms?
  - What is the update on R-APDRP?
  - Etc.

## Previous Participants

*Last year we received an excellent response to our conference with more than 50 utilities participating from across the country. The organisations that participated included ABB, Accenture, Adani, AEGCL, Ajmer Discom, Alstom, APCPDCL, APEPDCL, APERC, AP Genco, APNPDCL, APSPDCL, AP Transco, ASEB, AREVA, BESCO, BHEL, BSES, CEA, CERC, CESC, CESCO, Click Software, CMC, CRISIL, CSEB, Delhi Transco, DERC, DESCON, DHVBN, DPSC, DSCL, DVC, Essar Power, Entity Solutions, GE, GERC, Genus, Gescom, GECE, GETCL, GMR, GTL, GRIDCO, GUVNL, HCL, HERC, HESCOM, Hewlett-Packard, Honeywell, HPSEB, HVPN, IBM, IPGCL, Infosys, Infotech, Invensys, JP Group, Jaipur Discom, JSERC, JUSCO, KERC, KESCO, KLG Systel, KPMG, KPTCL, KSEB, Lanco Infratech, L&T Infotech, L&T, Maha Discom, Maha Genco, MGVCL, Mescom, MPERC, MeSEB, MP Genco, MPSEB, Navi Mumbai SEZ, NDMC, NDPL, NESCO, NHDC, NHPC, NPTI, NTPC, OPGC, OPTCL, Oracle, OSI, PCI, PFC, Power Grid, PwC, PSEB, PSERC, PTCUL, PTC, Red Hat, REL, RIL, Rajasthan Rajya Vidyut Vitran, SAP, Siemens, Secure Meters, SPML, SunGard Energy, Sun Microsystems, Tata Power, TCS, Torrent, THDC, TNEB, TNERC, UGVCL, UHBVN, UPERC, UPPTCL, Uttarakhand Power Corporation, Vizag Steel Plant, WBSSEDCL and Wipro.*

## Agenda and Structure

- The two-day conference will have general/plenary sessions covering sector-wide issues (key trends/issues, smart grids, data centres, connectivity/communications, outsourcing, HR/training, etc.) as well as dedicated segment-specific tracks (on generation, transmission and distribution).
- The conference will cover areas such as **load forecasting, asset management, operations and maintenance, fuel management, project management, supply chain management, environment monitoring, network planning, real-time monitoring, SCADA, energy accounting, sub-station monitoring, loss assessment and reduction, GIS, consumer indexing, CRM, metering/billing/collection, financial management, human resources, ABT management, trading, regulatory compliance, ERP systems, intelligent grids, communication/connectivity, etc.** There will also be an update on key initiatives and programmes such as the R-APDRP.
- Most of the sessions will be split into two parts. The first part will feature presentations by speakers. The second part will be devoted to Q&A and floor discussions. A few sessions will be purely interactive, featuring panel discussions and Q&A.
- The presentations will include a mix of case histories, new initiatives/plans and new products/services/technologies.
- The conference will feature the points-of-view of all key stakeholders – utilities, technology providers, equipment manufacturers, key government agencies and facilitating organisations.

## Target Audience

The conference is targeted at:

- IT officials/managers in generation, transmission and distribution
- Top and middle-level operations managers in power utilities
- Managers of power plants (public/private/captive)
- Consultancy organisations engaged by utilities
- Providers of basic power technology, equipment, products and services
- Marketers of IT-based products and services like SCADA, GIS and metering
- Marketers of enterprise software solutions like ERP, CRM and billing systems
- Communications/connectivity solution providers
- Data centre solution providers
- IT hardware manufacturers
- Outsourcing firms
- Sector regulators and policy-makers
- HR and training consultants
- Energy managers and auditors
- Energy traders
- Other professionals involved with the power sector

## Delegate Fee

- The delegate fee is Rs 22,500 for one participant, Rs 37,500 for two, Rs 52,500 for three and Rs 67,500 for four. **There is also a 20 per cent "early bird" discount for those registering before August 20, 2010.**
- There is a special low fee of Rs 7,000 per participant for the state electricity boards and their successor units (state-owned gencos, transcos and discoms), regulatory authorities, research organisations and academic institutions.

## Organisers

*The conference is being organised by **Power Line** (the premier magazine for the Indian power sector), which is published by **India Infrastructure Publishing**, a company dedicated to providing information on the infrastructure sectors through magazines, newsletters, reports and conferences. The company also publishes **Indian Infrastructure** and **tele.net** magazines.*

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## Registration Form

I would like to register for the conference. I am enclosing Rs \_\_\_\_\_ vide cheque/demand draft no. \_\_\_\_\_ drawn on \_\_\_\_\_ dated \_\_\_\_\_ in favour of **India Infrastructure Publishing Pvt. Ltd** payable at New Delhi.

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## Registration Fee

Delegates	One	Two	Three	Four
INR	22,500	37,500	52,500	67,500
USD	540	900	1,260	1,620

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- Registration will be confirmed on receipt of the payment.

## Contact

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